

Title (en)
Railway track circuits.

Title (de)
Eisenbahn-Gleisstromkreisschaltungen.

Title (fr)
Circuits de voie de chemin de fer.

Publication
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Application
EP 92309012 A 19921002

Priority
GB 9122438 A 19911023

Abstract (en)

A railway track circuit system is described, in which there is a transmitter 15,16 and receiver 19,20 at each end of a track circuit section 4. Each receiver receives signals from the transmitter at the opposite end of the section and the received signals are analysed to determine whether a vehicle is present in the track circuit section. Where adjacent track circuit sections are also provided with a transmitter and a receiver at each of their ends, the transmitters 14,17 and receivers 18,21 at adjacent ends of adjacent track sections 3,5 can be connected to a track circuit unit 8,9 to allow that unit to check, when a vehicle appears to have left one track circuit section, that it has entered an adjacent section. <IMAGE>

IPC 1-7
B61L 23/16; B61L 1/18

IPC 8 full level
B61L 1/18 (2006.01); **B61L 23/16** (2006.01)

CPC (source: EP US)
B61L 1/187 (2013.01 - EP US); **B61L 23/166** (2013.01 - EP US)

Citation (applicant)

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